



Rooster

Specialist Poultry Lighting

Benefits of Spectral Tuning

For Poultry Performance in various scenarios

Rooster I allows you to maximise the output of your livestock whilst improving welfare and crop profit per kilo , reducing time to market or increasing weight to market per growing period.

Broilers

Colour	Benefits
Cool white	Broilers <2KG <ul style="list-style-type: none"> Improved growth
Warm white	<ul style="list-style-type: none"> Improved Feed Conversion Ratio
Blue	Broilers >2KG: <ul style="list-style-type: none"> Calmer birds Fewer leg and wing problems Improved chick quality
Red white	<ul style="list-style-type: none"> Catching vaccinating Makes the birds sit still
Red white	<ul style="list-style-type: none"> Reduce Sedentary behaviours

Laying hens

Colour	Benefits
Warm white	<ul style="list-style-type: none"> Improved stimulation & egg-laying performances Reduced activity
Blue	<ul style="list-style-type: none"> Makes the birds sit still Vaccinating
Red White	<ul style="list-style-type: none"> Less feather pecking Stimulated egg production
Red	<ul style="list-style-type: none"> Less feather pecking

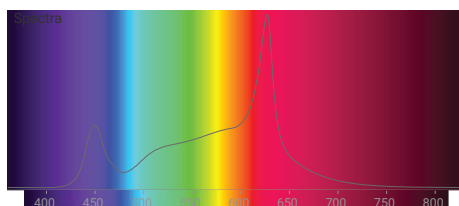
Parent stock

Colour	Benefits
Warm white	<ul style="list-style-type: none"> Improved sexual stimulation & egg-laying performances and hatchability Lower activity
Blue	<ul style="list-style-type: none"> Makes the birds sit still
Red White	<ul style="list-style-type: none"> Less feather pecking
Red	<ul style="list-style-type: none"> As yet unknown benefits

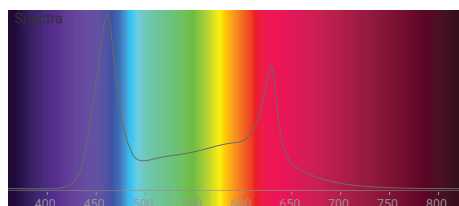
Rearing

Colour	Benefits
Cool white	<ul style="list-style-type: none"> Improved growth
Warm white	<ul style="list-style-type: none"> Lower activity
Blue	<ul style="list-style-type: none"> Makes the birds sit still
Red White	<ul style="list-style-type: none"> Easy vaccinating
Red	<ul style="list-style-type: none"> Less feather pecking Less feather pecking

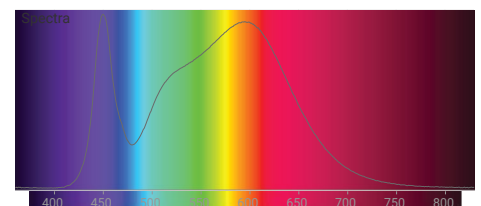
Spectrum



Red White Mix (optimum)



All Channels



Neutral White Channel

Please Note: Product specifications are subject to change without notice. Product supplied may differ slightly in appearance from images shown on this website. Diamond LED Lighting reserve the right to update product specifications.

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Specialist Poultry Lighting

A versatile, tuneable, and programmable livestock lighting system for improving the production and welfare of all livestock in agricultural settings, from broilers to feed sheds

Features

- 4 Channel Tuneable
- Customised Spectra
- Custom Cct
- High CRI options
- Behaviourally Programmable
- Zero Flicker

Applications

- Agriculture
- Pigs
- Poultry
- Corrosion Resistant
- Cattle

Options and Accessories

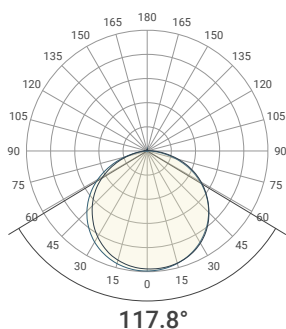
- PCT** Polycarbonate Tube
- ACT** Acrylic Tube
- BGT** Borosilicate Glass
- HDE** HDPE Endcaps
- LDE** LDPE Endcaps
- RHB 150** 150mm Rigid Hanging Brackets
- RHB 300** 300mm Rigid Hanging Brackets
- RHB 450** 450mm Rigid Hanging Brackets



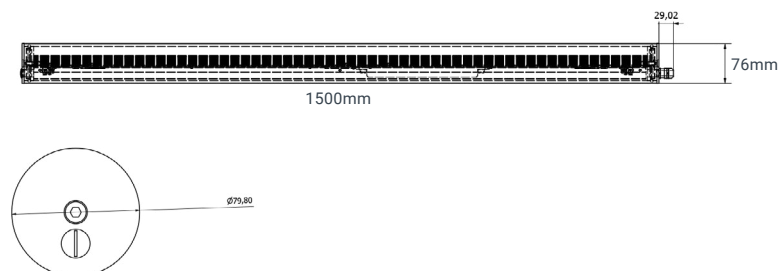
Technical Details

Part No.	Description	Power (W)	Ll/cw
PLX-CHR-PRO-1500-90	PRO 1500MM 90W MAX	0-90	UP TO 180

Photometric



Dimensions



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